

Aaren Pan

azp6230@psu.edu • azpan.dev

EDUCATION

The Pennsylvania State University

BS Computer Science

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Circuits & System Design, Systems Programming, Discrete Math, Probability

University Park, PA

Anticipated Graduation: May 2028

WORK EXPERIENCE

Transmitio LLC

Remote

Software Automation Testing Intern

Jun. 2025 – Aug. 2025

- Reduced manual testing by 80% by automating ERM system workflows using Python and Selenium
- Developed and implemented 30+ automated test cases after analyzing system behavior and user workflows
- Authored detailed documentation to support test reusability and long-term maintenance
- Enabled scalable test execution by configuring Dockerized environments and integrating with GitLab CI/CD
- Improved code quality through 50+ commits and 700+ lines of production code

Forbidden City Restaurant

Chattanooga, TN

Restaurant Employee

Jan. 2017 – May 2023

- Processed customer payments and takeout orders using KwickPOS during peak service hours
- Delivered fast and friendly service to 300+ customers daily, maintaining high satisfaction
- Reduced table turnover time by 10% by coordinating efficiently with front-of-house staff

PROJECT EXPERIENCE

Personal Portfolio

Jul. 2025 – Aug. 2025

- Built a responsive portfolio site using React.js and Bootstrap to showcase projects and experience
- Enabled direction communication with recruiters by integrating client-side contact form with EmailJS

Quackademic Notes

University Park, PA

Full-stack Developer

Oct. 2024

- Assisted in development of a full-stack note-taking app using Flask, JavaScript, and HTML/CSS
- Enhanced UX by implementing light/dark themes and an OpenAI-powered AI assistant

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Fuzhou Student Association at Penn State

University Park, PA

Communications Chair

Mar. 2025 – Present

- Led social media and communication platforms to increase event visibility and member engagement
- Coordinated with 10+ organizations to plan collaborative events across the AAPI community
- Streamlined outreach by working cross-functionally with design and executive teams

HackPSU at Penn State

University Park, PA

Tech Team Member

Feb. 2025 – Present

- Supported 1000+ participants by maintaining and improving hackathon web infrastructure
- Developed new features and enhancements, improving UX and platform functionality
- Implemented a filter chaining system, increasing financial tool search efficiency by 70%
- Optimized workflows and data handling, increasing system efficiency and usability
- Collaborated with 10+ developers to deliver software improvements on schedule

JPMorgan Chase's Career.edYOU Academy

Virtual

Student

Sept. 2025 – Nov. 2025

- Completed all program courses to learn about the organization's structure, culture, and internship opportunities as well as develop professional skills and network with recruitment and technical professionals

RELEVANT SKILLS

Languages: Python, JavaScript, TypeScript, Java, HTML, CSS, Verilog

Tools & Frameworks: React.js, Next.js, NestJS, Flask, MongoDB, Git, Docker, Linux, CI/CD Pipelines, Selenium